



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/658,834
Source: OPIE
Date Processed by STIC: 9/24/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/658,834

DATE: 09/24/2003
TIME: 11:06:25

Input Set : N:\FANTU\10658804.txt
Output Set: N:\CRF4\09242003\J658834.raw

3 <110> APPLICANT: Gantier, Rene
4 Guyon, Thierry
5 Drittanti, Lila
6 Vega, Manuel
8 <120> TITLE OF INVENTION: Rational Evolution of Cytokines for Higher Stability,
Encoding Nucleic
9 Acid
10 Molecules and Related Applications
12 <130> FILE REFERENCE: 38751-922
C 14 <140> CURRENT APPLICATION NUMBER: US/10/658,834
C 15 <141> CURRENT FILING DATE: 2003-09-08
17 <150> PRIOR APPLICATION NUMBER: 60/457,135
W--> 18 <151> PRIOR FILING DATE: 21-MAR-03 2003-03-21
20 <150> PRIOR APPLICATION NUMBER: 60/409,898
W--> 21 <151> PRIOR FILING DATE: 09-SEP-02 2002-09-09
use this date format
23 <160> NUMBER OF SEQ ID NOS: 1306
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

pp 1-3

ERRORED SEQUENCES

37154 <210> SEQ ID NO: 1306
37155 <211> LENGTH: 46 41 shown below
37156 <212> TYPE: DNA
37157 <213> ORGANISM: Artificial Sequence
37159 <220> FEATURE:
37160 <223> OTHER INFORMATION: primer reverse IFNA-E159Q
37162 <400> SEQUENCE: 1306
E--> 37163 aacatatgtg tgatctgcct caaaccacca gcctggtag c

41

10/658,834 2

<210> 185

<211> 165

<212> PRT

<213> Homo sapiens

<309> - -

<400> 185

delete, since no response is shown



same error in sequence 216

10/658,834

3

<210> 231
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> EMCV Probe

<221> misc_feature

<222> 1

<223> n is FAM

<221> misc_feature

<222> 24

<223> n is TAMR A

<400> 231

ncagccgtca agacccaacc gctn

FYI: "n" can only represent a single
nucleotide

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/658,834

DATE: 09/24/2003

TIME: 11:06:28

Input Set : N:\FANTU\10658804.txt

Output Set: N:\CRF4\09242003\J658834.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:18 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:21 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:5919 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or Mon-YYYY, SEQ ID:185
L:6905 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or Mon-YYYY, SEQ ID:216
L:7120 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:7124 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:231
L:7128 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:231
L:7129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:37163 M:252 E: No. of Seq. differs, <211> LENGTH:Input:46 Found:41 SEQ:1306